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| EFS ID:                              | 4946716   |  |
| Application Number:                  | 10810442  |  |
| International Application Number:    |   |  |
| Confirmation Number:                 | 8969  |  |
| Title of Invention:                  | Method and system for increased bandwidth efficiency in multiple input - multiple output channels |  |
| First Named Inventor/Applicant Name: | John W. Ketchum   |  |
| Customer Number:                     | 23696   |  |
| Filer:                               | Kenneth K. Vu/Christine Molla   |  |
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| Application Type:                    | Utility under 35 USC 111(a)   |  |

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DOE/093 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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